

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

09/16/2011

Allison Callahan
Assistant District Attorney, Suffolk County

Dear ADA Callahan,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units



DRUG RECEIPT

CC # _____
BOOK # _____
PAGE # _____
DESTRUCTION # _____

District/Unit D-4

Name & Rank of Arresting Officer Sgt. Det. Donald Keenan ID# 10652

DEFENDANT'S NAME

ADDRESS

CITY

STATE

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS QUANTITY

GROSS WEIGHT

ANALYSIS NUMBER

Marijuana (Green herb)

3 plb's

55.17g

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt. White ID# 11064

Received by LLD Date 9-15-10

ECU Control # _____

Boston Police
DEPARTMENT

DRUG RECEIPT

CC # _____
BOOK # _____
PAGE # _____
DESTRUCTION # _____

District/Unit

D-4 DCU

Name & Rank of Arresting Officer

Sgt. Det. Donald Keenan ID# 10652

DEFENDANT'S NAME

ADDRESS

CITY

STATE

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DESCRIPTION OF ITEMS SUBMITTED

GROSS QUANTITY

LAB USE ONLY

GROSS WEIGHT

ANALYSIS NUMBER

White Powder (cocaine)

1 p/b

39.53g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Sybil White

ID# 11064

Received by

CLO

Date

9-15-10

ECU Control #

No [REDACTED]

Date Analyzed: 11-29-10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 3 Cont: pb

Date Rec'd: 09/15/2010

No. Analyzed: 2

Gross Wt.: 55.17

Net Weight: 29.8

Tests: 6 ASD
mama mama
Dug-⑦

Prelim:

Findings: Marijuana

No [REDACTED]

Date Analyzed: 10/21/10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 09/15/2010

No. Analyzed:

Gross Wt.: 32.53

Net Weight: 27.7

Tests: 6 ASD

• 26AC

Prelim: mama

Findings: 3,4-MDMA

GROSS WT 3 PDS = 444.0

GROSS WT 4 PDS = 31.4

NET WT = 27.1

GROSS WT 1 PDS = 7.0

NET WT = 2.7

GLW 80
G 101910-5

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AS2

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): 28.6

off-white powdered substance Gross Wt (): _____

~ 1.0g

Pkg. Wt: _____

Net Wt: 27.7

netwt = 27.6

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis black

Froehde's black

Mecke's green

Microcrystalline Tests

Gold
Chloride _____

TLTA (-)

OTHER TESTS

Dilute -

GC = +

PRELIMINARY TEST RESULTS

RESULTS moma

DATE 10-18-ASD 09-27-10

GC/MS CONFIRMATORY TEST

RESULTS moma

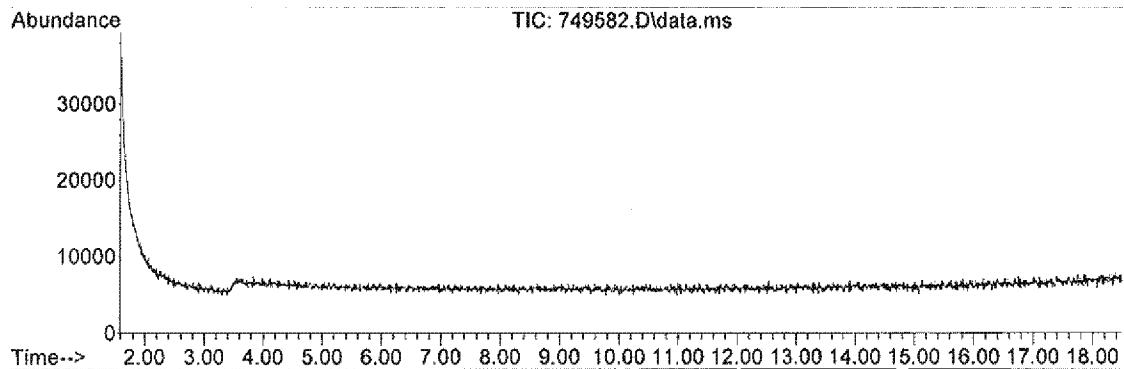
MS
OPERATOR ICAC

DATE 10-21-10

/KAC
9/12/11

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749582.D
Operator : KAC
Date Acquired : 20 Oct 2010 4:34
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE



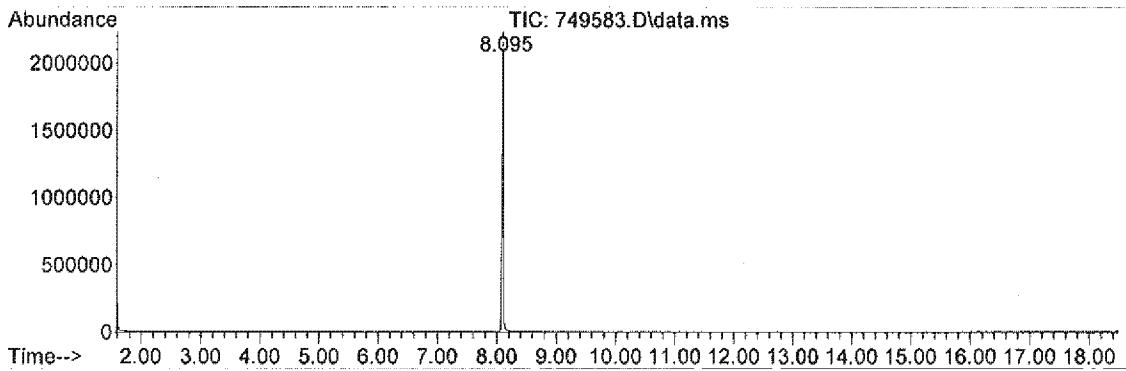
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749583.D
Operator : KAC
Date Acquired : 20 Oct 2010 4:55
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 83
AcquisitionMeth: TFMPP.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.095	3757284	100.00	100.00

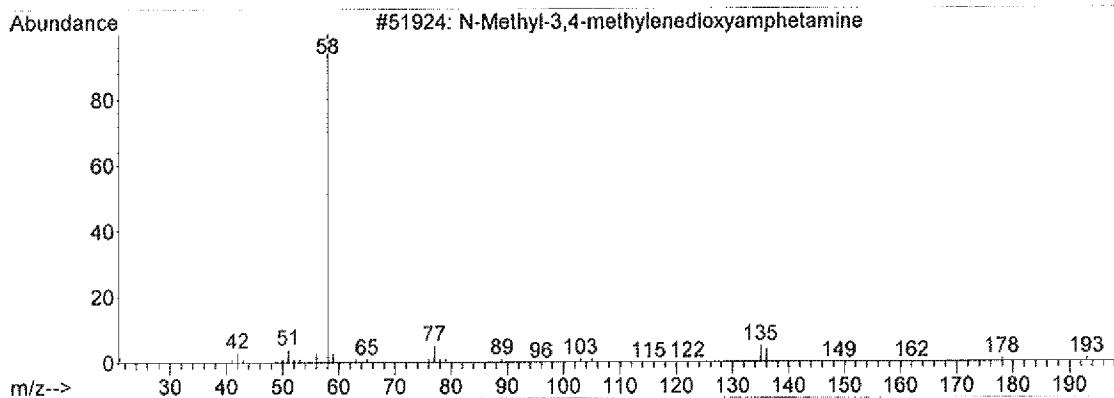
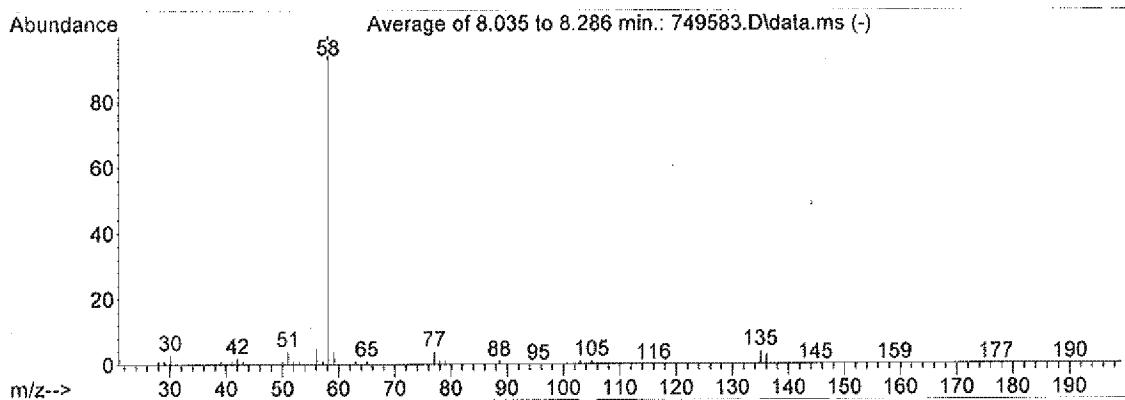
Area Percent / Library Search Report

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749583.D
Operator : KAC
Date Acquired : 20 Oct 2010 4:55
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 83
AcquisitionMeth: TFMPP.M
Integrator : RTE

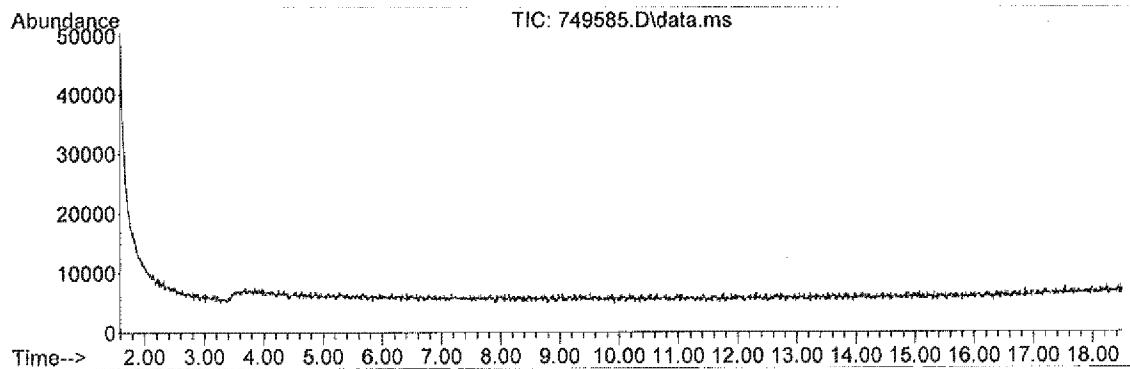
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.09	C:\Database\NIST05a.L		
		N-Methyl-3,4-methylenedioxymphetamine	042542-10-9	83
		Pseudoephedrine, (+)-	000090-82-4	78
		N-Methyl-4-ethoxyamphetamine	1000123-12-2	72



Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749585.D
Operator : KAC
Date Acquired : 20 Oct 2010 5:38
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE



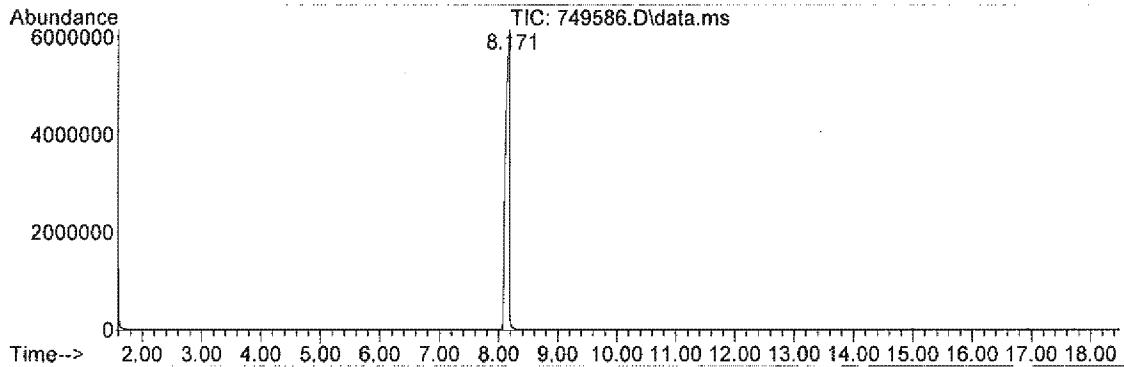
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749586.D
Operator : KAC
Date Acquired : 20 Oct 2010 5:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 86
AcquisitionMeth: TFMPP.M
Integrator : RTE



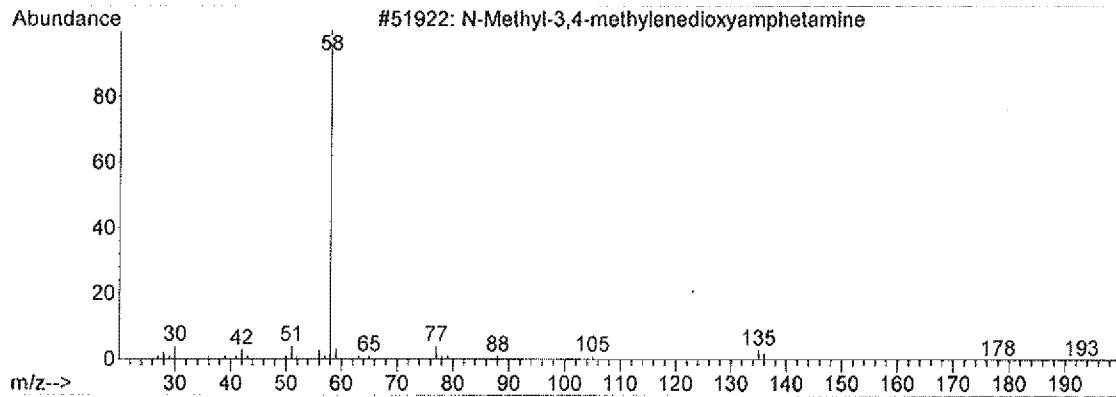
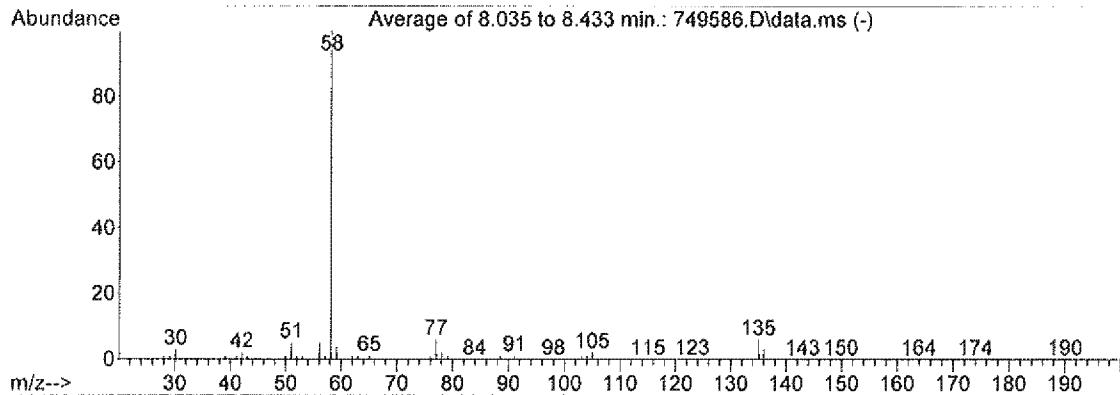
Ret. Time	Area	Area %	Ratio %
8.171	29488393	100.00	100.00

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749586.D
Operator : KAC
Date Acquired : 20 Oct 2010 5:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 86
AcquisitionMeth: TFMPP.M
Integrator : RTE

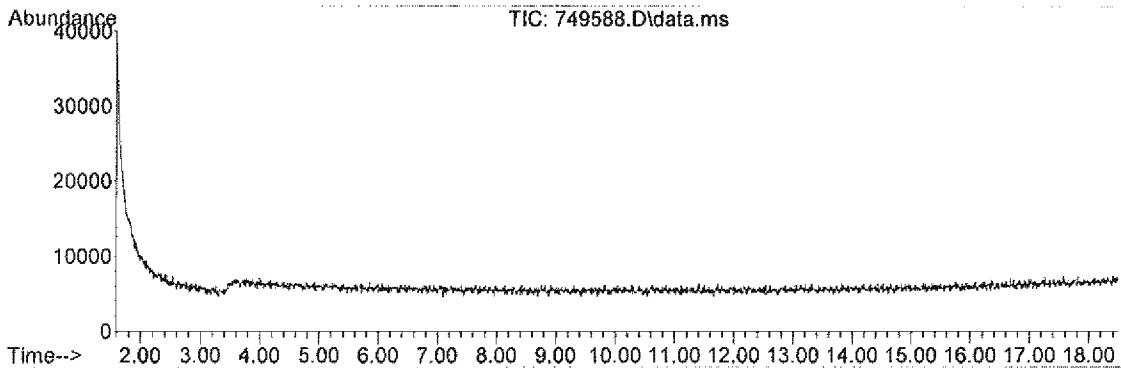
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.17	C:\Database\NIST05a.L		
		N-Methyl-3,4-methylenedioxymphetamine	042542-10-9	86
		Pseudoephedrine, (+)-	000090-82-4	72
		N-Acetyl-3,4-methylenedioxymethamphetamine	181765-92-4	64



Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749588.D
Operator : KAC
Date Acquired : 20 Oct 2010 6:42
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

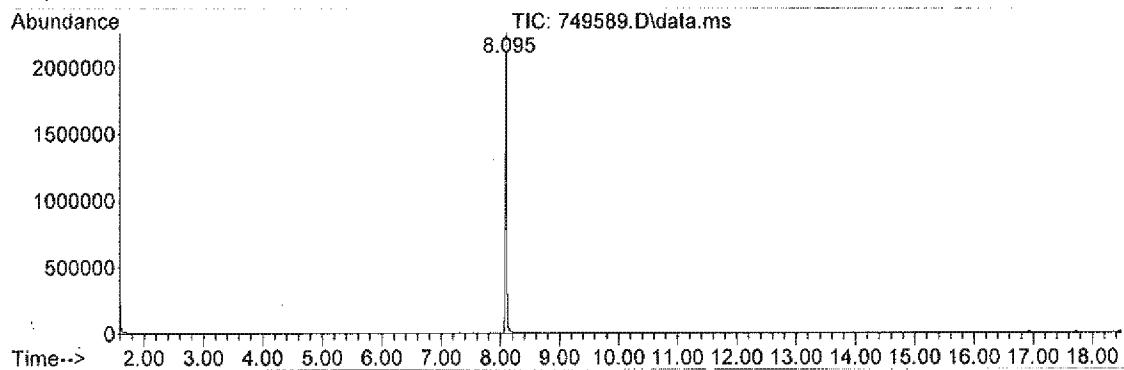


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749589.D
Operator : KAC
Date Acquired : 20 Oct 2010 7:04
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 83
AcquisitionMeth: TFMPP.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.095	3860367	100.00	100.00

Information from Data File:

File Name : E:\Q4-2010\SYSTEM7\10_19_10\749589.D
Operator : KAC
Date Acquired : 20 Oct 2010 7:04
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 83
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.09	C:\Database\NIST05a.L		
		N-Methyl-3,4-methylenedioxymphetamine	042542-10-9	83
		Pseudoephedrine, (+)-	000090-82-4	78
		Benzenemethanol, .alpha.-[1-(methyl	053214-57-6	72

